



# Dairy Products

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## January 2022 Highlights

**Total cheese** output (excluding cottage cheese) was 1.17 billion pounds, 2.8 percent above January 2021 and 1.8 percent above December 2021.

**Italian type cheese** production totaled 489 million pounds, 1.7 percent above January 2021 and 0.9 percent above December 2021.

**American type cheese** production totaled 480 million pounds, 1.1 percent above January 2021 and 4.7 percent above December 2021.

**Butter** production was 195 million pounds, 6.9 percent below January 2021 but 8.5 percent above December 2021.

**Dry milk products** (comparisons in percentage with January 2021)

Nonfat dry milk, human - 171 million pounds, down 13.8 percent.

Skim milk powder - 43.4 million pounds, up 20.6 percent.

**Whey products** (comparisons in percentage with January 2021)

Dry whey, total - 80.3 million pounds, down 4.4 percent.

Lactose, human and animal - 101 million pounds, up 7.2 percent.

Whey protein concentrate, total - 47.5 million pounds, up 8.5 percent.

**Frozen products** (comparisons in percentage with January 2021)

Ice cream, regular (hard) - 53.1 million gallons, down 6.9 percent.

Ice cream, lowfat (total) - 28.4 million gallons, down 7.5 percent.

Sherbet (hard) - 2.11 million gallons, down 20.8 percent.

Frozen yogurt (total) - 3.60 million gallons, down 5.4 percent.

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# Dairy Products Production by Product – United States: January 2021 and 2022

Product	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	209,630	179,951	195,193	-6.9	8.5
Cheese					
American types <sup>1</sup> .....	474,315	458,033	479,606	1.1	4.7
Cheddar .....	346,949	327,668	337,415	-2.7	3.0
Other American types .....	127,366	130,365	142,191	11.6	9.1
Blue and Gorgonzola .....	5,345	7,577	8,111	51.7	7.0
Brick and Muenster .....	16,679	16,415	16,475	-1.2	0.4
Cream and Neufchatel .....	78,479	92,231	86,208	9.8	-6.5
Feta .....	8,459	9,825	9,627	13.8	-2.0
Gouda .....	5,211	5,180	5,962	14.4	15.1
Hispanic .....	27,384	27,706	26,079	-4.8	-5.9
Italian types .....	481,029	484,909	489,120	1.7	0.9
Mozzarella .....	374,948	371,315	379,067	1.1	2.1
Parmesan .....	40,967	47,063	47,027	14.8	-0.1
Provolone .....	31,245	27,769	26,877	-14.0	-3.2
Ricotta .....	22,547	23,976	22,354	-0.9	-6.8
Romano .....	5,038	5,961	5,713	13.4	-4.2
Other Italian types .....	6,284	8,825	8,082	28.6	-8.4
Swiss .....	25,977	31,392	30,954	19.2	-1.4
All other types .....	12,689	13,698	15,576	22.8	13.7
Total cheese <sup>2</sup> .....	1,135,567	1,146,966	1,167,718	2.8	1.8
Cottage cheese, curd <sup>3</sup> .....	29,551	29,119	29,920	1.2	2.8
Cottage cheese, cream <sup>4</sup> .....	26,622	27,393	27,727	4.2	1.2
Cottage cheese, lowfat <sup>5</sup> .....	24,428	22,824	24,824	1.6	8.8
Sour cream .....	115,248	136,551	124,024	7.6	-9.2
Yogurt, plain and flavored .....	385,594	371,720	374,880	-2.8	0.9
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard .....	56,990	51,571	53,083	-6.9	2.9
Ice cream, lowfat, hard .....	18,903	14,646	15,462	-18.2	5.6
Ice cream, lowfat, soft .....	11,834	12,705	12,961	9.5	2.0
Ice cream, lowfat, total <sup>6</sup> .....	30,737	27,351	28,423	-7.5	3.9
Ice cream, nonfat, hard .....	541	572	579	7.0	1.2
Sherbet, hard .....	2,666	1,853	2,111	-20.8	13.9
Frozen yogurt, total .....	3,804	2,495	3,597	-5.4	44.2
Regular and lowfat, hard .....	1,145	1,063	1,026	-10.4	-3.5
Nonfat, hard .....	251	212	163	-35.1	-23.1
Other frozen dairy products .....	715	893	828	15.8	-7.3
Water and juice ices .....	4,655	4,144	4,377	-6.0	5.6
Mix for frozen products					
Ice cream, regular, mix .....	36,049	31,683	31,821	-11.7	0.4
Ice cream, lowfat, mix <sup>7</sup> .....	17,035	15,316	15,899	-6.7	3.8
Ice cream, nonfat, mix .....	383	529	395	3.1	-25.3
Sherbet mix .....	1,823	1,395	1,472	-19.3	5.5
Yogurt mix .....	1,759	1,476	1,740	-1.1	17.9

<sup>1</sup> Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

<sup>2</sup> Excludes Cottage Cheese.

<sup>3</sup> Mostly used for processing into cream or lowfat cottage cheese.

<sup>4</sup> Fat content 4 percent or more.

<sup>5</sup> Fat content less than 4 percent.

<sup>6</sup> Includes freezer-made milkshake.

<sup>7</sup> Includes milkshake mix.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
January 2021 and 2022**

Product	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	5,994	6,074	6,103	1.8	0.5
Dry whey products					
Dry whey, human .....	82,888	75,904	77,790	-6.2	2.5
Dry whey, animal .....	1,100	1,763	2,476	125.1	40.4
Dry whey, total .....	83,988	77,667	80,266	-4.4	3.3
Reduced lactose and minerals					
Human .....	1,713	3,293	3,886	126.9	18.0
Animal .....	3,171	5,302	5,122	61.5	-3.4
Whey protein concentrate					
Human <sup>2</sup> .....	43,027	44,692	45,808	6.5	2.5
Animal <sup>2</sup> .....	773	1,692	1,735	124.5	2.5
Total <sup>2</sup> .....	43,800	46,384	47,543	8.5	2.5
25.0-49.9 percent <sup>3</sup> .....	16,791	16,496	17,148	2.1	4.0
50.0-89.9 percent <sup>3</sup> .....	27,009	29,888	30,395	12.5	1.7
Whey protein isolates <sup>4</sup> .....	10,610	11,775	11,621	9.5	-1.3
Lactose, human and animal .....	93,798	103,273	100,514	7.2	-2.7
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	66,668	56,386	55,500	-16.8	-1.6
Dry whey, animal .....	680	676	858	26.2	26.9
Dry whey, total .....	67,348	57,062	56,358	-16.3	-1.2
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	7,111	6,901	6,717	-5.5	-2.7
Whey protein concentrate					
Human <sup>2</sup> .....	62,975	67,180	67,795	7.7	0.9
Animal <sup>2</sup> .....	915	1,654	1,582	72.9	-4.4
Total <sup>2</sup> .....	63,890	68,834	69,377	8.6	0.8
25.0-49.9 percent <sup>3</sup> .....	27,088	24,911	23,738	-12.4	-4.7
50.0-89.9 percent <sup>3</sup> .....	36,802	43,923	45,639	24.0	3.9
Whey protein isolates <sup>4</sup> .....	14,027	13,777	13,492	-3.8	-2.1
Lactose, human and animal .....	128,157	159,294	167,023	30.3	4.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	23.8	25.1	33.5	9.7	8.4

<sup>1</sup> Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

<sup>2</sup> Whey protein concentrate, 25.0 to 89.9 percent.

<sup>3</sup> Whey protein concentrate, human and animal.

<sup>4</sup> Whey protein isolate, 90.0 percent or greater.

<sup>5</sup> Stocks held by manufacturers at all points and in transit.

<sup>6</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>7</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Condensed and Dry Milk Products Production, Stocks, and Shipments – United States:  
January 2021 and 2022**

Product	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	108,106	101,187	104,961	-2.9	3.7
Dry milk products					
Dry buttermilk, total .....	15,257	12,615	12,389	-18.8	-1.8
Dry skim milk, animal .....	704	638	886	25.9	38.9
Dry whole milk .....	10,891	16,474	14,251	30.9	-13.5
Milk protein concentrate, total <sup>1</sup> .....	20,829	17,453	21,678	4.1	24.2
Nonfat dry milk, human .....	198,025	167,769	170,708	-13.8	1.8
Skim milk powder, total <sup>2</sup> .....	35,992	38,263	43,412	20.6	13.5
<b>Manufacturers' stocks end-of-month <sup>3</sup></b>					
Dry milk products					
Dry buttermilk, total .....	22,636	20,689	22,185	-2.0	7.2
Dry skim milk, animal .....	8,929	6,027	5,120	-42.7	-15.0
Dry whole milk .....	18,053	23,938	27,059	49.9	13.0
Nonfat dry milk, human .....	305,003	252,285	261,307	-14.3	3.6
<b>Manufacturers' shipments <sup>4</sup></b>					
Dry milk products					
Nonfat dry milk, human .....	165,702	143,841	152,552	-7.9	6.1

<sup>1</sup> Dry milk protein concentrate, 40-89.9 percent.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> Stocks held by manufacturers at all points and in transit.

<sup>4</sup> For dry products, shipments of bulk goods.

# Dairy Products Production by Product and Month – United States: 2021 and 2022

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese <sup>1</sup>						
January .....	1,135,567	1,167,718	2.8	1,135,567	1,167,718	2.8
February .....	1,043,505			2,179,072		
March .....	1,175,989			3,355,061		
April .....	1,135,900			4,490,961		
May .....	1,157,550			5,648,511		
June .....	1,121,555			6,770,066		
July .....	1,143,239			7,913,305		
August .....	1,146,746			9,060,051		
September .....	1,133,745			10,193,796		
October .....	1,152,795			11,346,591		
November .....	1,121,980			12,468,571		
December .....	1,146,966			13,615,537		
Total American cheese types <sup>2</sup>						
January .....	474,315	479,606	1.1	474,315	479,606	1.1
February .....	426,094			900,409		
March .....	476,720			1,377,129		
April .....	472,424			1,849,553		
May .....	478,522			2,328,075		
June .....	453,428			2,781,503		
July .....	466,236			3,247,739		
August .....	458,518			3,706,257		
September .....	448,435			4,154,692		
October .....	458,835			4,613,527		
November .....	449,258			5,062,785		
December .....	458,033			5,520,818		
Cheddar cheese						
January .....	346,949	337,415	-2.7	346,949	337,415	-2.7
February .....	300,535			647,484		
March .....	333,787			981,271		
April .....	334,079			1,315,350		
May .....	345,978			1,661,328		
June .....	326,915			1,988,243		
July .....	324,233			2,312,476		
August .....	319,498			2,631,974		
September .....	308,505			2,940,479		
October .....	320,443			3,260,922		
November .....	313,885			3,574,807		
December .....	327,668			3,902,475		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January .....	481,029	489,120	1.7	481,029	489,120	1.7
February .....	443,254			924,283		
March .....	502,468			1,426,751		
April .....	481,988			1,908,739		
May .....	481,370			2,390,109		
June .....	470,553			2,860,662		
July .....	483,375			3,344,037		
August .....	485,061			3,829,098		
September .....	486,098			4,315,196		
October .....	489,418			4,804,614		
November .....	478,321			5,282,935		
December .....	484,909			5,767,844		
Mozzarella						
January .....	374,948	379,067	1.1	374,948	379,067	1.1
February .....	345,504			720,452		
March .....	392,357			1,112,809		
April .....	376,809			1,489,618		
May .....	376,774			1,866,392		
June .....	369,194			2,235,586		
July .....	376,286			2,611,872		
August .....	379,576			2,991,448		
September .....	378,479			3,369,927		
October .....	378,296			3,748,223		
November .....	374,204			4,122,427		
December .....	371,315			4,493,742		
Other Italian cheese types						
January .....	6,284	8,082	28.6	6,284	8,082	28.6
February .....	6,180			12,464		
March .....	7,108			19,572		
April .....	6,549			26,121		
May .....	6,792			32,913		
June .....	7,609			40,522		
July .....	7,690			48,212		
August .....	7,673			55,885		
September .....	7,907			63,792		
October .....	8,242			72,034		
November .....	7,717			79,751		
December .....	8,825			88,576		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January .....	209,630	195,193	-6.9	209,630	195,193	-6.9
February .....	186,304			395,934		
March .....	198,920			594,854		
April .....	183,851			778,705		
May .....	184,894			963,599		
June .....	160,335			1,123,934		
July .....	150,625			1,274,559		
August .....	147,982			1,422,541		
September .....	143,409			1,565,950		
October .....	161,046			1,726,996		
November .....	156,118			1,883,114		
December .....	179,951			2,063,065		
Nonfat dry milk, human						
January .....	198,025	170,708	-13.8	198,025	170,708	-13.8
February .....	183,614			381,639		
March .....	199,307			580,946		
April .....	194,262			775,208		
May .....	205,427			980,635		
June .....	187,018			1,167,653		
July .....	157,662			1,325,315		
August .....	121,978			1,447,293		
September .....	119,217			1,566,510		
October .....	123,153			1,689,663		
November .....	155,793			1,845,456		
December .....	167,769			2,013,225		
Skim milk powder, total <sup>3</sup>						
January .....	35,992	43,412	20.6	35,992	43,412	20.6
February .....	31,639			67,631		
March .....	39,638			107,269		
April .....	46,966			154,235		
May .....	35,704			189,939		
June .....	43,452			233,391		
July .....	51,215			284,606		
August .....	61,493			346,099		
September .....	63,225			409,324		
October .....	68,698			478,022		
November .....	49,068			527,090		
December .....	38,263			565,353		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total <sup>4</sup>						
January .....	83,988	80,266	-4.4	83,988	80,266	-4.4
February .....	75,323			159,311		
March .....	79,609			238,920		
April .....	74,694			313,614		
May .....	77,738			391,352		
June .....	71,356			462,708		
July .....	81,094			543,802		
August .....	76,697			620,499		
September .....	70,198			690,697		
October .....	81,510			772,207		
November .....	75,034			847,241		
December .....	77,667			924,908		
Lactose, human and animal						
January .....	93,798	100,514	7.2	93,798	100,514	7.2
February .....	79,123			172,921		
March .....	99,375			272,296		
April .....	91,508			363,804		
May .....	95,288			459,092		
June .....	94,642			553,734		
July .....	98,099			651,833		
August .....	92,290			744,123		
September .....	91,848			835,971		
October .....	96,944			932,915		
November .....	91,603			1,024,518		
December .....	103,273			1,127,791		
Whey protein concentrate, total						
January .....	43,800	47,543	8.5	43,800	47,543	8.5
February .....	37,512			81,312		
March .....	42,286			123,598		
April .....	39,159			162,757		
May .....	42,393			205,150		
June .....	38,328			243,478		
July .....	39,821			283,299		
August .....	38,565			321,864		
September .....	38,249			360,113		
October .....	46,572			406,685		
November .....	46,638			453,323		
December .....	46,384			499,707		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January .....	26,622	27,727	4.2	26,622	27,727	4.2
February .....	27,470			54,092		
March .....	31,376			85,468		
April .....	27,227			112,695		
May .....	28,246			140,941		
June .....	28,923			169,864		
July .....	29,483			199,347		
August .....	29,433			228,780		
September .....	28,632			257,412		
October .....	27,437			284,849		
November .....	26,091			310,940		
December .....	27,393			338,333		
Cottage cheese, lowfat						
January .....	24,428	24,824	1.6	24,428	24,824	1.6
February .....	24,271			48,699		
March .....	28,722			77,421		
April .....	25,170			102,591		
May .....	24,261			126,852		
June .....	24,447			151,299		
July .....	26,314			177,613		
August .....	25,972			203,585		
September .....	25,583			229,168		
October .....	23,915			253,083		
November .....	22,098			275,181		
December .....	22,824			298,005		
Sour cream						
January .....	115,248	124,024	7.6	115,248	124,024	7.6
February .....	113,749			228,997		
March .....	133,250			362,247		
April .....	119,400			481,647		
May .....	120,542			602,189		
June .....	123,718			725,907		
July .....	121,354			847,261		
August .....	123,136			970,397		
September .....	119,780			1,090,177		
October .....	136,657			1,226,834		
November .....	134,172			1,361,006		
December .....	136,551			1,497,557		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January .....	56,990	53,083	-6.9	56,990	53,083	-6.9
February .....	55,630			112,620		
March .....	70,028			182,648		
April .....	67,955			250,603		
May .....	61,173			311,776		
June .....	67,019			378,795		
July .....	64,506			443,301		
August .....	63,596			506,897		
September .....	57,718			564,615		
October .....	55,652			620,267		
November .....	53,010			673,277		
December .....	51,571			724,848		
Ice cream, lowfat total						
January .....	30,737	28,423	-7.5	30,737	28,423	-7.5
February .....	33,507			64,244		
March .....	44,486			108,730		
April .....	41,177			149,907		
May .....	44,880			194,787		
June .....	44,076			238,863		
July .....	44,102			282,965		
August .....	41,993			324,958		
September .....	36,644			361,602		
October .....	34,426			396,028		
November .....	28,885			424,913		
December .....	27,351			452,264		
Sherbet, hard						
January .....	2,666	2,111	-20.8	2,666	2,111	-20.8
February .....	2,605			5,271		
March .....	2,559			7,830		
April .....	2,797			10,627		
May .....	2,334			12,961		
June .....	2,678			15,639		
July .....	2,856			18,495		
August .....	2,372			20,867		
September .....	2,283			23,150		
October .....	2,068			25,218		
November .....	1,853			27,071		
December .....	1,853			28,924		

See footnote(s) at end of table.

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# Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January .....	385,594	374,880	-2.8	385,594	374,880	-2.8
February .....	381,121			766,715		
March .....	442,886			1,209,601		
April .....	413,835			1,623,436		
May .....	388,759			2,012,195		
June .....	385,738			2,397,933		
July .....	392,305			2,790,238		
August .....	402,655			3,192,893		
September .....	404,137			3,597,030		
October .....	386,209			3,983,239		
November .....	355,645			4,338,884		
December .....	371,720			4,710,604		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January .....	3,804	3,597	-5.4	3,804	3,597	-5.4
February .....	4,101			7,905		
March .....	3,153			11,058		
April .....	2,431			13,489		
May .....	2,318			15,807		
June .....	3,400			19,207		
July .....	3,174			22,381		
August .....	2,869			25,250		
September .....	2,892			28,142		
October .....	2,592			30,734		
November .....	1,949			32,683		
December .....	2,495			35,178		

<sup>1</sup> Excludes Cottage Cheese.

<sup>2</sup> Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

<sup>3</sup> Includes protein standardized and blends.

<sup>4</sup> Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions:  
January 2021 and 2022**

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	210,201	187,840	194,559	-7.4	3.6
Idaho .....	87,772	88,274	87,110	-0.8	-1.3
Illinois .....	4,460	6,129	6,178	38.5	0.8
Iowa .....	30,330	28,516	33,417	10.2	17.2
Minnesota .....	64,871	66,197	65,812	1.5	-0.6
New Jersey .....	5,210	5,454	5,152	-1.1	-5.5
New Mexico .....	83,762	74,245	84,111	0.4	13.3
New York .....	67,910	65,254	67,774	-0.2	3.9
Ohio .....	20,781	23,898	22,957	10.5	-3.9
Oregon .....	20,427	20,792	20,112	-1.5	-3.3
Pennsylvania .....	36,535	35,364	39,317	7.6	11.2
South Dakota .....	42,161	44,192	43,441	3.0	-1.7
Vermont .....	13,146	12,535	12,619	-4.0	0.7
Wisconsin .....	283,853	294,526	291,930	2.8	-0.9
Other States <sup>1</sup> .....	164,148	193,750	193,229	17.7	-0.3
United States .....	1,135,567	1,146,966	1,167,718	2.8	1.8
Atlantic .....	132,703	130,722	134,718	1.5	3.1
Central .....	534,548	568,513	569,777	6.6	0.2
West .....	468,316	447,731	463,223	-1.1	3.5

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## American Cheese Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	49,994	47,039	47,261	-5.5	0.5
Idaho .....	53,577	51,596	53,009	-1.1	2.7
Iowa .....	19,164	12,599	17,071	-10.9	35.5
Minnesota .....	53,251	53,404	53,765	1.0	0.7
New York .....	13,361	11,244	13,522	1.2	20.3
Oregon .....	20,346	20,691	20,018	-1.6	-3.3
Wisconsin .....	93,350	89,278	93,959	0.7	5.2
Other States <sup>1</sup> .....	171,272	172,182	181,001	5.7	5.1
United States .....	474,315	458,033	479,606	1.1	4.7
Atlantic .....	31,303	27,653	30,532	-2.5	10.4
Central .....	245,240	247,248	255,347	4.1	3.3
West .....	197,772	183,132	193,727	-2.0	5.8

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Cheddar Cheese Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	27,512	24,563	23,366	-15.1	-4.9
Iowa .....	11,728	7,579	9,380	-20.0	23.8
Minnesota .....	51,828	52,042	52,389	1.1	0.7
Oregon .....	18,084	17,460	16,792	-7.1	-3.8
Vermont .....	9,365	8,849	8,805	-6.0	-0.5
Wisconsin .....	65,339	62,600	62,655	-4.1	0.1
Other States <sup>1</sup> .....	163,093	154,575	164,028	0.6	6.1
United States .....	346,949	327,668	337,415	-2.7	3.0
Atlantic .....	29,312	26,604	29,021	-1.0	9.1
Central .....	174,324	176,456	177,187	1.6	0.4
West .....	143,313	124,608	131,207	-8.4	5.3

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Total Italian Cheese Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	138,518	118,311	122,058	-11.9	3.2
Idaho .....	29,022	32,005	29,749	2.5	-7.0
Minnesota .....	11,403	12,463	11,722	2.8	-5.9
New Jersey .....	2,946	2,922	2,830	-3.9	-3.1
New York .....	30,714	27,653	31,713	3.3	14.7
Pennsylvania .....	24,145	21,919	26,281	8.8	19.9
Wisconsin .....	135,399	141,168	138,926	2.6	-1.6
Other States <sup>1</sup> .....	108,882	128,468	125,841	15.6	-2.0
United States .....	481,029	484,909	489,120	1.7	0.9
Atlantic .....	60,006	57,528	63,010	5.0	9.5
Central .....	195,688	209,992	206,866	5.7	-1.5
West .....	225,335	217,389	219,244	-2.7	0.9

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Mozzarella Cheese Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	126,896	103,807	109,209	-13.9	5.2
Idaho .....	28,285	30,982	28,962	2.4	-6.5
New York .....	15,394	14,145	16,393	6.5	15.9
Pennsylvania .....	19,947	18,032	22,550	13.0	25.1
Wisconsin .....	86,003	91,000	88,595	3.0	-2.6
Other States <sup>1</sup> .....	98,423	113,349	113,358	15.2	-
United States .....	374,948	371,315	379,067	1.1	2.1
Atlantic .....	38,046	36,227	41,512	9.1	14.6
Central .....	125,072	134,202	132,934	6.3	-0.9
West .....	211,830	200,886	204,621	-3.4	1.9

- Represents zero.

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

### Butter Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	65,111	60,078	62,743	-3.6	4.4
New York .....	2,813	1,218	1,815	-35.5	49.0
Pennsylvania .....	7,717	8,831	7,820	1.3	-11.4
Other States <sup>1</sup> .....	133,989	109,824	122,815	-8.3	11.8
United States .....	209,630	179,951	195,193	-6.9	8.5
Atlantic .....	19,224	15,862	18,174	-5.5	14.6
Central .....	83,138	71,663	75,444	-9.3	5.3
West .....	107,268	92,426	101,575	-5.3	9.9

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

### Nonfat Dry Milk (Human) Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	94,652	80,116	79,452	-16.1	-0.8
Pennsylvania .....	16,177	15,499	15,377	-4.9	-0.8
Other States <sup>1</sup> .....	87,196	72,154	75,879	-13.0	5.2
United States .....	198,025	167,769	170,708	-13.8	1.8
Atlantic .....	32,325	28,101	28,542	-11.7	1.6
Central .....	29,646	29,340	31,031	4.7	5.8
West .....	136,054	110,328	111,135	-18.3	0.7

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

### Dry Whey (Human) Production – States, United States, and Regions: January 2021 and 2022

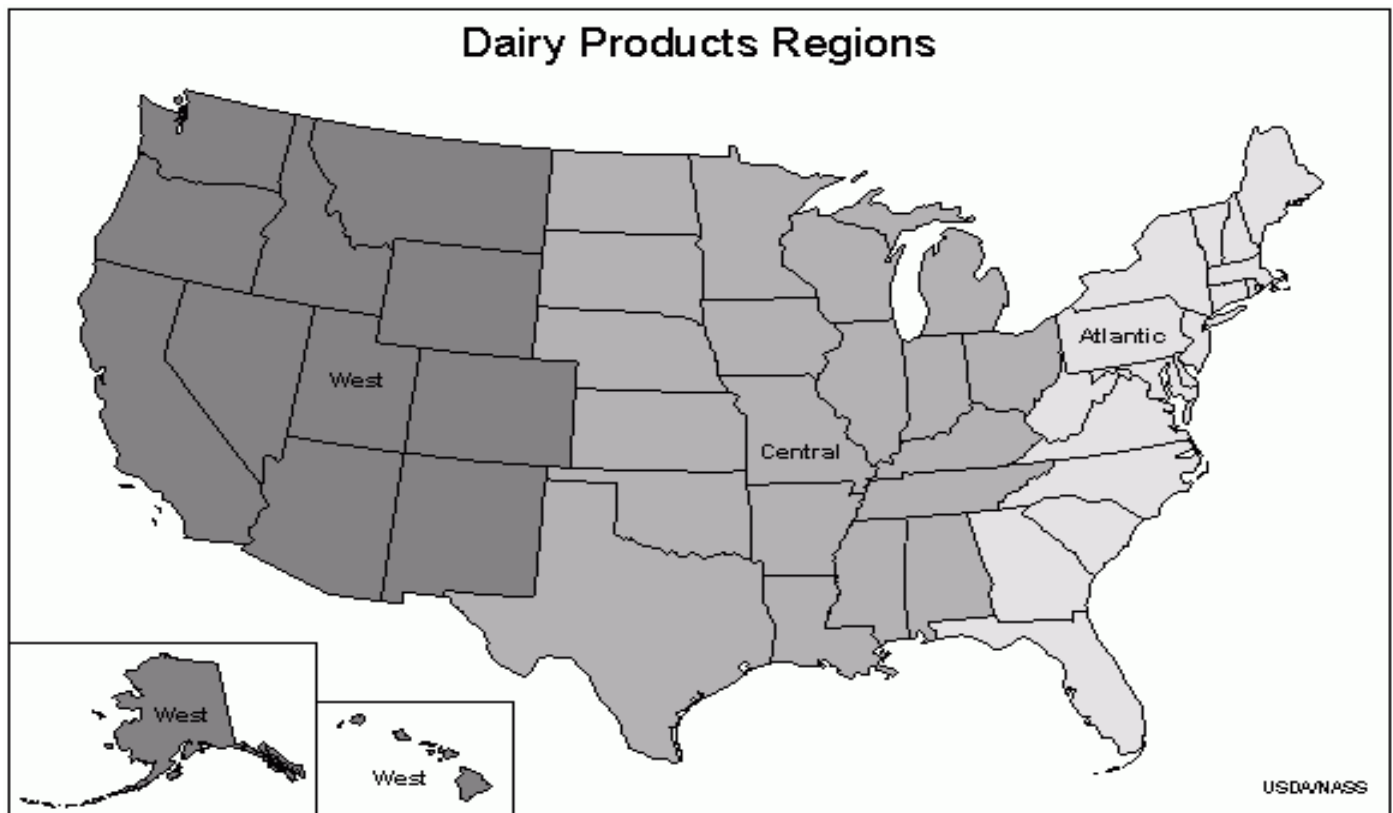
State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	11,106	11,154	13,276	19.5	19.0
Wisconsin .....	27,899	25,299	24,899	-10.8	-1.6
Other States <sup>1</sup> .....	43,883	39,451	39,615	-9.7	0.4
United States .....	82,888	75,904	77,790	-6.2	2.5
Atlantic .....	22,100	21,656	23,815	7.8	10.0
Central .....	38,667	36,063	35,349	-8.6	-2.0
West .....	22,121	18,185	18,626	-15.8	2.4

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

### Ice Cream, Regular (Hard) Production – States, United States, and Regions: January 2021 and 2022

State and region	January 2021	December 2021	January 2022	Change from	
				January 2021	December 2021
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	5,552	4,249	5,126	-7.7	20.6
Connecticut .....	1,139	1,028	864	-24.1	-16.0
Missouri .....	1,800	1,594	3,033	68.5	90.3
New York .....	2,496	1,126	2,142	-14.2	90.2
Ohio .....	2,161	2,268	2,472	14.4	9.0
Oregon .....	1,227	888	921	-24.9	3.7
Pennsylvania .....	2,805	3,489	2,188	-22.0	-37.3
Tennessee .....	2,532	1,547	1,774	-29.9	14.7
Utah .....	1,740	988	1,025	-41.1	3.7
Wisconsin .....	487	579	492	1.0	-15.0
Other States <sup>1</sup> .....	35,051	33,815	33,046	-5.7	-2.3
United States .....	56,990	51,571	53,083	-6.9	2.9
Atlantic .....	13,461	10,900	11,537	-14.3	5.8
Central .....	33,089	33,038	32,698	-1.2	-1.0
West .....	10,440	7,633	8,848	-15.2	15.9

<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.



**West:** Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

**Central:** Alabama, Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin.

**Atlantic:** Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, North Carolina, Rhode Island, South Carolina, Vermont, Virginia, West Virginia.

## Statistical Methodology

**Data Collection Period:** Dairy products estimates are based upon survey data collected after the close of each month. Production data are provided by the firms producing dairy products.

**Sampling frames and sample size:** In 2020, there were 1,242 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

**Modes of data collection:** Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

**Terms and definitions:** Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

**Reliability:** Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

**Estimating Procedures:** In the Regional Field Office (RFO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each RFO summarizes data at the Individual State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both RFO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, RFO data are summarized into a National level summary.

**Revision Policy:** Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov).

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Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448

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- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov)
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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